Fig.1 (Prior Art)

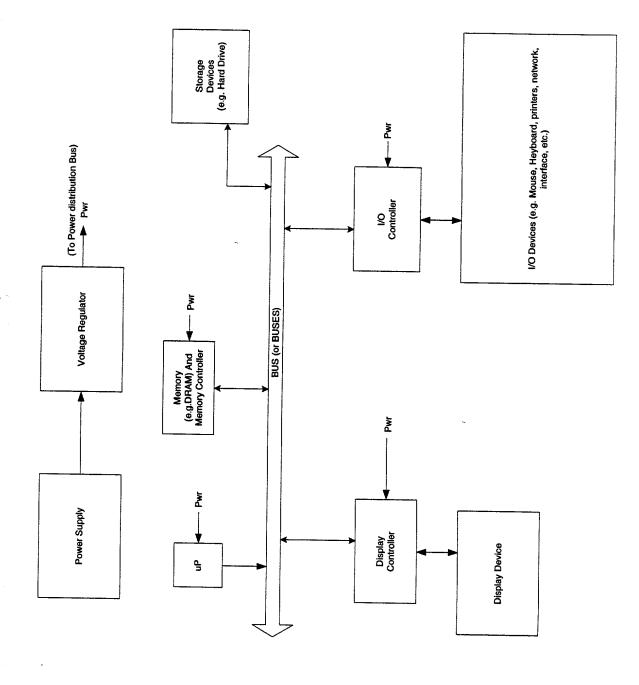


Fig. 2 (Prior Art)

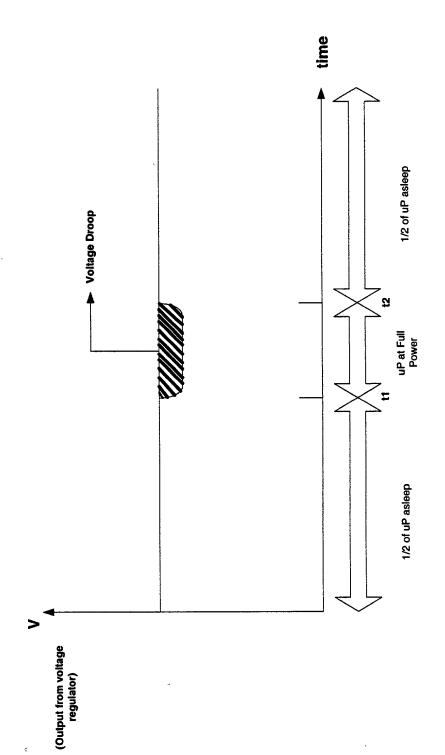
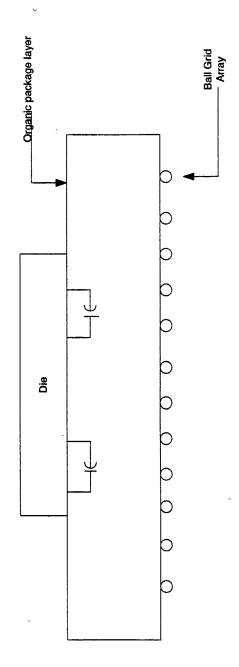
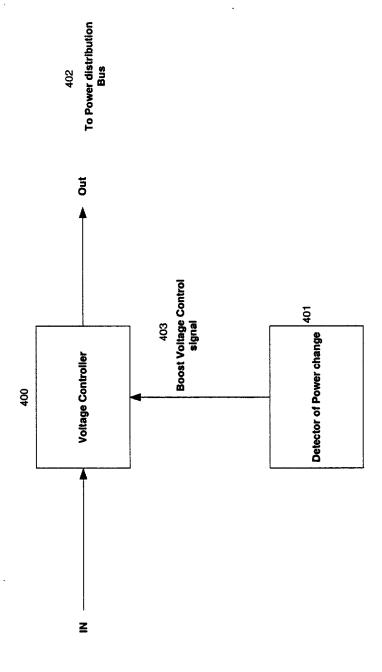


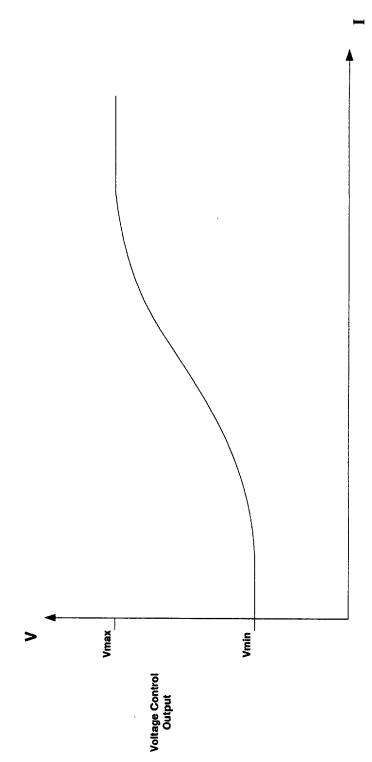
Fig. 3 (Prior Art)













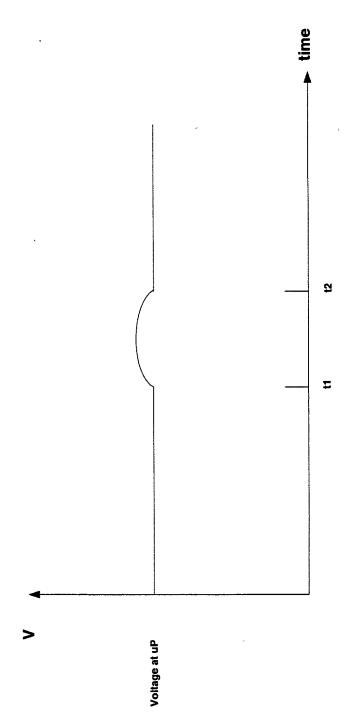


Fig. 7

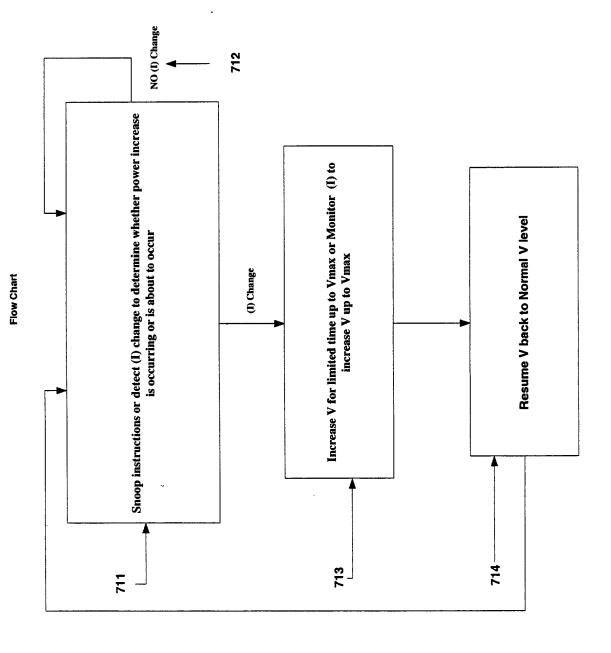
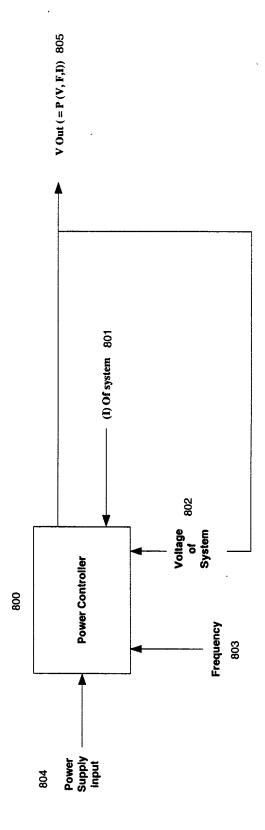


Fig. 8





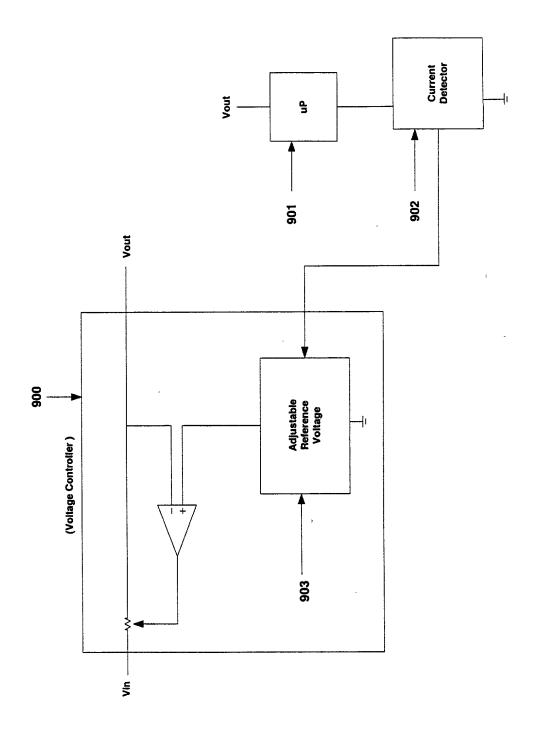
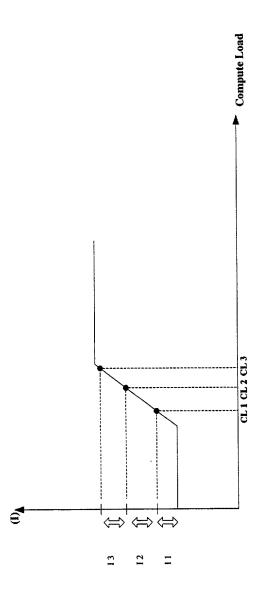
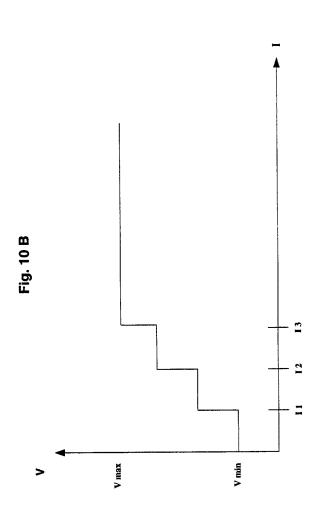


Fig. 10 A





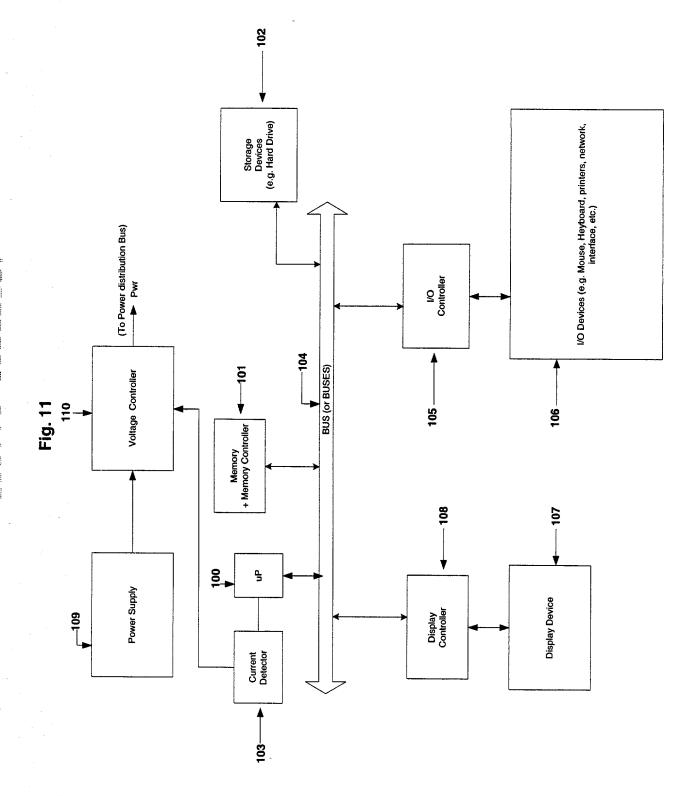


Figure 12 while operating system at 1st frequency, 1201 decide to change to faster frequency) raise power supply voltage from V to V'T raise V' to V' + V boost (for period of time) 1207 increase operating frequency to 2nd frequency Drop V'+ Vboost to 1209 and continue to operate at 2nd 1211 decide to lower operating Frequency to 1st Frequency le.g. enter reduced power consumption mode) 1213 lower aperating frequency to 1st frequency for to another frequency less than 2nd frequency) 1215 lower power supply voltage from V' to V (or to appropriate voltage corresponding to new specating frequency)